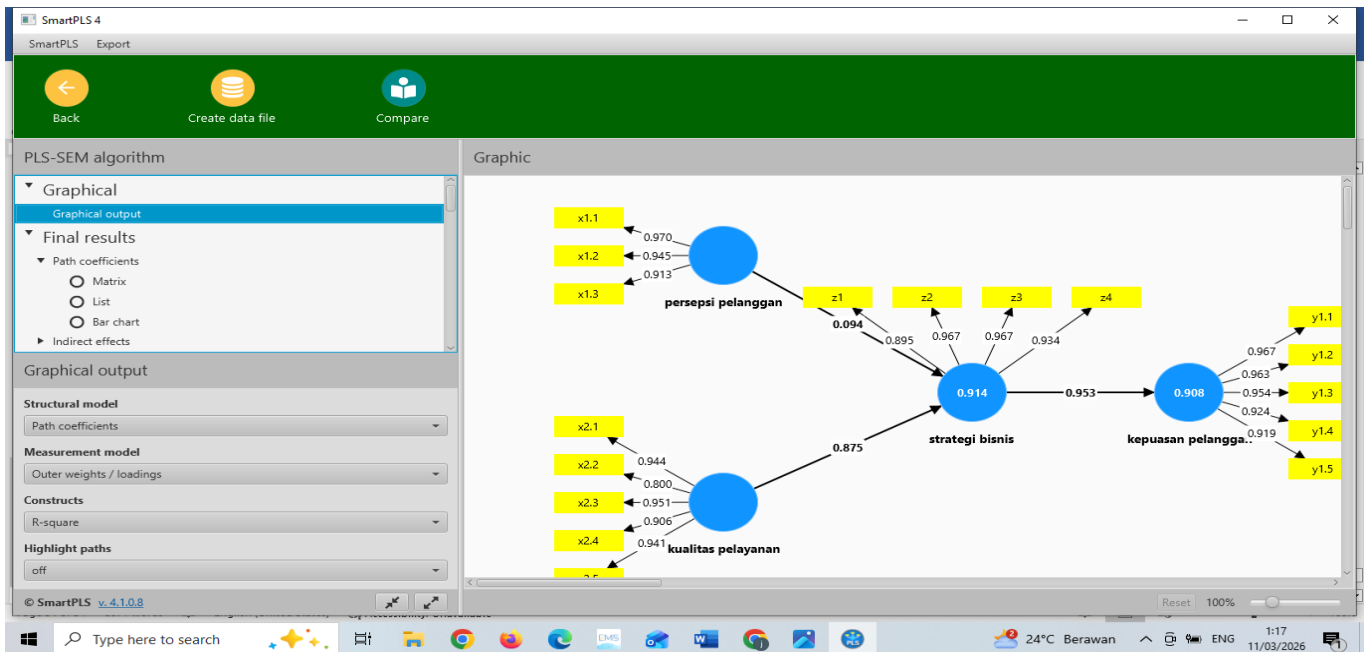


LAMPIRAN SMART PLS



Outer Loading

SmartPLS 4 interface showing the Outer Loadings - Matrix. The matrix displays the outer loadings for each latent variable and its corresponding indicators.

	kepuasan pelanggan	kualitas pelayanan	persepsi pelanggan	strategi bisnis
x1.1			0.970	
x1.2			0.945	
x1.3			0.913	
x2.1		0.944		
x2.2		0.800		
x2.3		0.951		
x2.4		0.906		
x2.5		0.941		
y1.1	0.967			
y1.2	0.963			
y1.3	0.954			
y1.4	0.924			
y1.5	0.919			
z1			0.895	
z2			0.967	
z3			0.967	
z4			0.934	

AVE, REABILITY, CRONBACH'S ALPHA

SmartPLS 4

SmartPLS Export

Back Create data file Compare

PLS-SEM algorithm

Construct reliability and validity - Overview

Copy to Excel/Word Copy to R

Graphical

Graphical output

Final results

Path coefficients

Matrix

List

Bar chart

Indirect effects

Total effects

Outer loadings

	Cronbach's alpha	Composite reliability (rho_a)	Composite reliability (rho_c)	Average variance extracted (AVE)
kepuasan pelanggan	0.970	0.974	0.977	0.894
kualitas pelayanan	0.947	0.952	0.960	0.829
persepsi pelanggan	0.938	0.941	0.960	0.889
strategi bisnis	0.957	0.959	0.969	0.886

Cross Loading

SmartPLS 4

SmartPLS Export

Back Create data file Compare

PLS-SEM algorithm

Discriminant validity - Cross loadings

Outer weights

Latent variables

Residuals

Quality criteria

R-square

f-square

Construct reliability and validity

Overview

Cronbach's alpha - Bar chart

Composite reliability (rho_a) - Bar chart

Composite reliability (rho_c) - Bar chart

Average variance extracted (AVE) - Bar chart

Discriminant validity

Heterotrait-monotrait ratio (HTMT) - Matrix

Heterotrait-monotrait ratio (HTMT) - List

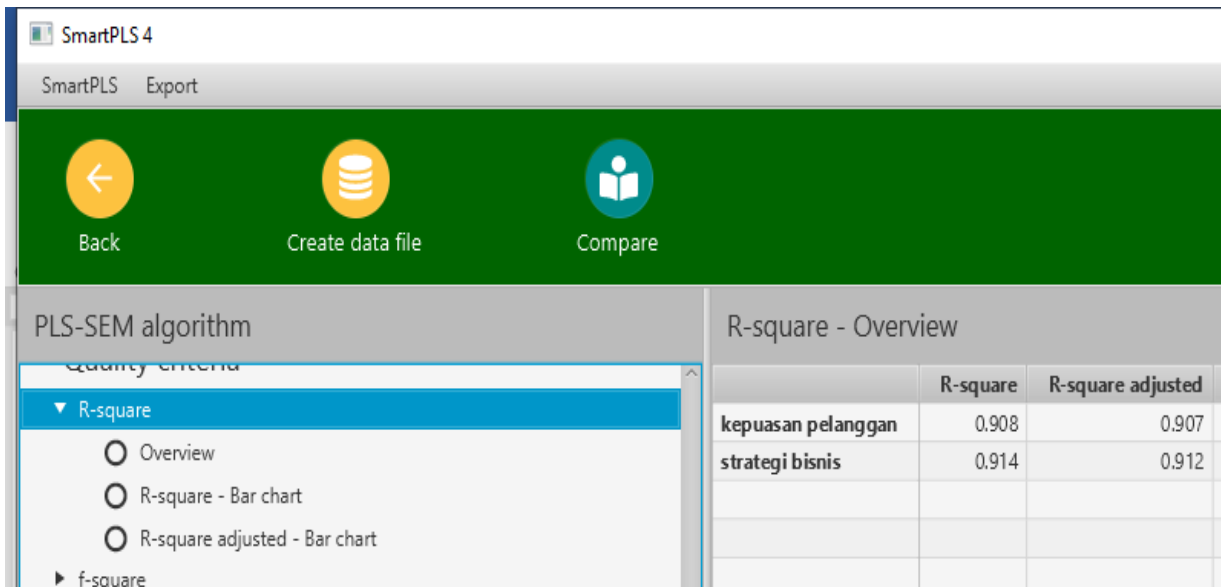
Heterotrait-monotrait ratio (HTMT) - Bar chart

Fornell-Larcker criterion

Cross loadings

	kepuasan pelanggan	kualitas pelayanan	persepsi pelanggan	strategi bisnis
x1.1	0.754	0.793	0.970	0.762
x1.2	0.737	0.780	0.945	0.737
x1.3	0.854	0.817	0.913	0.851
x2.1	0.845	0.944	0.732	0.890
x2.2	0.740	0.800	0.941	0.746
x2.3	0.841	0.951	0.720	0.881
x2.4	0.882	0.906	0.675	0.897
x2.5	0.950	0.941	0.822	0.919
y1.1	0.967	0.944	0.853	0.949
y1.2	0.963	0.952	0.841	0.940
y1.3	0.954	0.922	0.828	0.943
y1.4	0.924	0.796	0.708	0.840
y1.5	0.919	0.808	0.693	0.820
z1	0.843	0.920	0.767	0.895
z2	0.943	0.919	0.816	0.967
z3	0.941	0.914	0.822	0.967
z4	0.855	0.839	0.734	0.934

R SQUARE



SmartPLS 4

SmartPLS Export

Back Create data file Compare

PLS-SEM algorithm

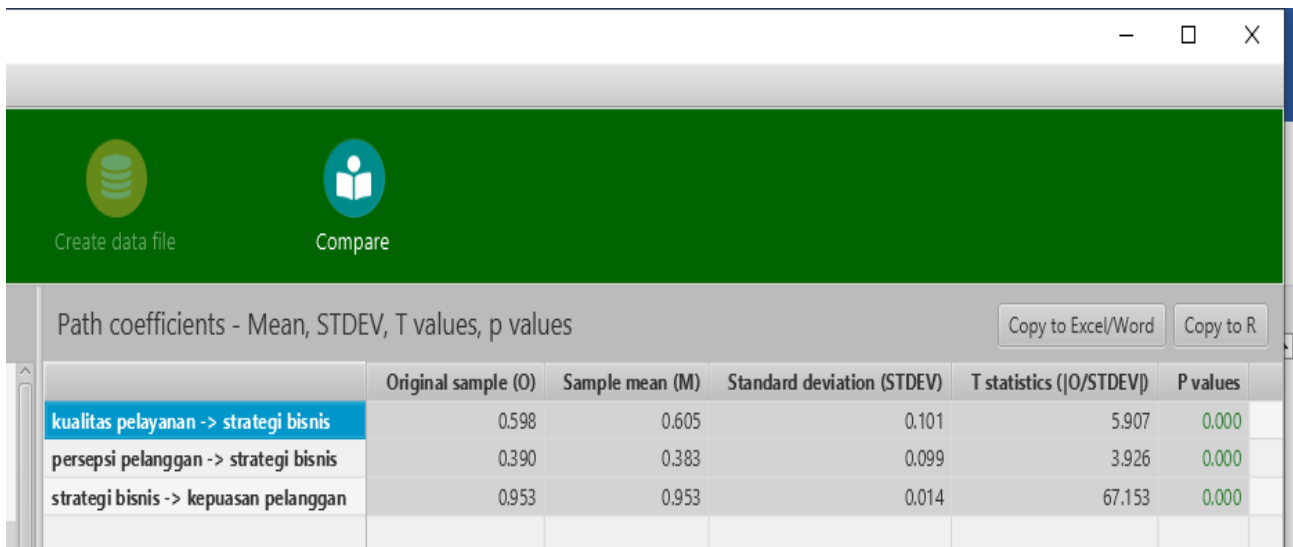
Quality criteria

- ▼ R-square
 - ☐ Overview
 - ☐ R-square - Bar chart
 - ☐ R-square adjusted - Bar chart
- f-square

R-square - Overview

	R-square	R-square adjusted
kepuasan pelanggan	0.908	0.907
strategi bisnis	0.914	0.912

UJI HIPOTESIS

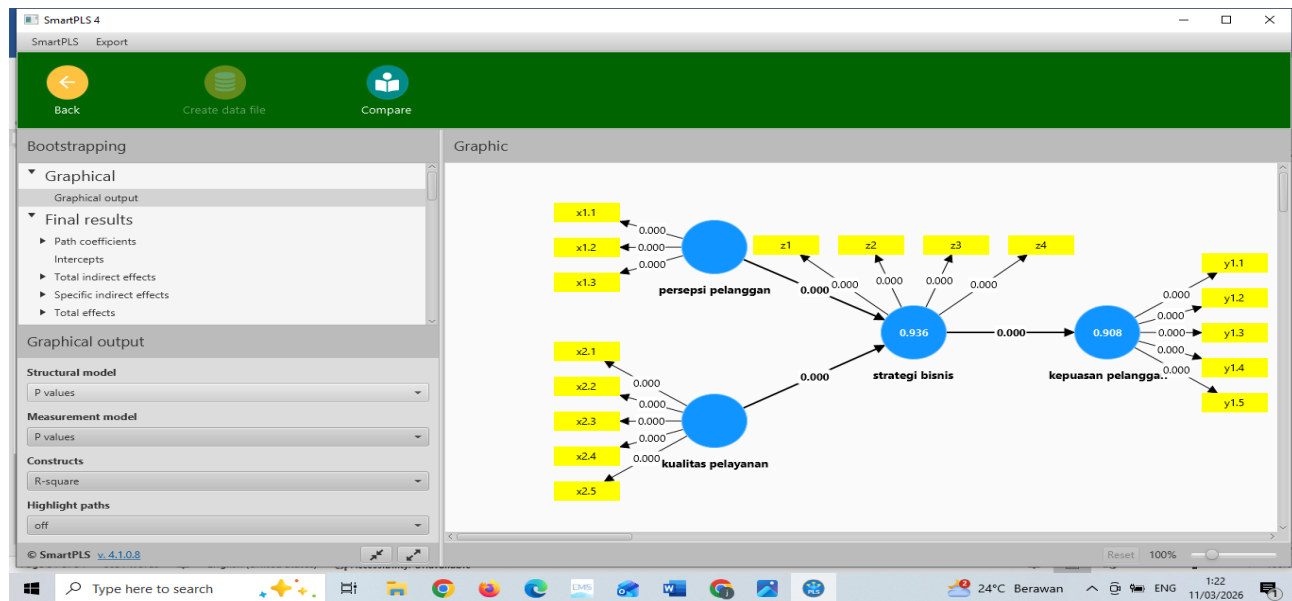


Create data file Compare

Path coefficients - Mean, STDEV, T values, p values

Copy to Excel/Word Copy to R

	Original sample (O)	Sample mean (M)	Standard deviation (STDEV)	T statistics (O/STDEV)	P values
kualitas pelayanan -> strategi bisnis	0.598	0.605	0.101	5.907	0.000
persepsi pelanggan -> strategi bisnis	0.390	0.383	0.099	3.926	0.000
strategi bisnis -> kepuasan pelanggan	0.953	0.953	0.014	67.153	0.000



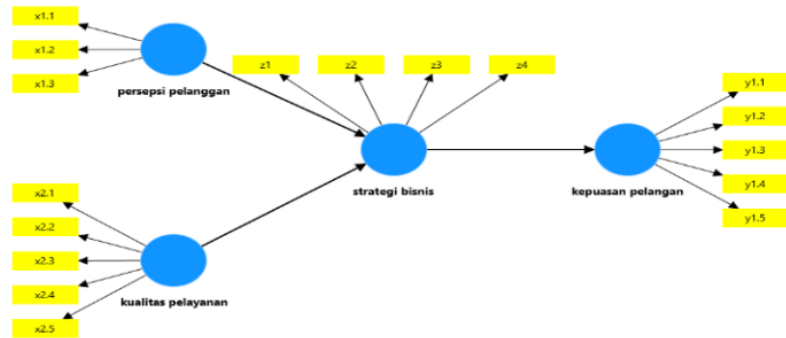
LAMPIRAN NAVIGATION SMART PLS

SmartPLS report

Please cite the use of SmartPLS: Ringle, C. M., Wende, S., and Becker, J.-M. 2024. "SmartPLS 4." Bönnigstedt: SmartPLS, <https://www.smartpls.com>

complete

Final results	
Path coefficients	show
Indirect effects	show
Total effects	show
Outer loadings	show
Outer weights	show
Latent variables	show
Residuals	show
Quality criteria	
R-square	show
f-square	show
Construct reliability and validity	show
Discriminant validity	show
Collinearity statistics (VIF)	show
Model fit	show
Model selection criteria	show
Algorithm	
Setting	show
Stop criterion changes	show
Posthoc minimum sample size	show
Execution log	show
Model and data	
Inner model	show
Outer model	show
Indicator data (original)	show
Indicator data (standardized)	show
Indicator data (correlations)	show



LAMPIRAN COMPLETE SMART PLS

Final results

Path coefficients

Matrix

	kepuasan pelanggan	kualitas pelayanan	persepsi pelanggan	strategi bisnis
kepuasan pelanggan				
kualitas pelayanan				0,820
persepsi pelanggan				0,158
strategi bisnis		0,953		

List

	Path coefficients
kualitas pelayanan -> strategi bisnis	0,820
persepsi pelanggan -> strategi bisnis	0,158
strategi bisnis -> kepuasan pelanggan	0,953

Indirect effects

Total indirect effects

	kepuasan pelanggan	kualitas pelayanan	persepsi pelanggan	strategi bisnis
kepuasan pelanggan				
kualitas pelayanan			0,782	
persepsi pelanggan			0,151	
strategi bisnis				

Specific indirect effects

	Specific indirect effects
kualitas pelayanan -> strategi bisnis -> kepuasan pelanggan	0,782
persepsi pelanggan -> strategi bisnis -> kepuasan pelanggan	0,151

Total effects

Matrix

	kepuasan pelanggan	kualitas pelayanan	persepsi pelanggan	strategi bisnis
kepuasan pelanggan				
kualitas pelayanan			0,782	0,820
persepsi pelanggan			0,151	0,158
strategi bisnis		0,953		

List

	Total effects
kualitas pelayanan -> kepuasan pelanggan	0,782
kualitas pelayanan -> strategi bisnis	0,820
persepsi pelanggan -> kepuasan pelanggan	0,151
persepsi pelanggan -> strategi bisnis	0,158
strategi bisnis -> kepuasan pelanggan	0,953

Outer loadings

Matrix

	kepuasan pelanggan	kualitas pelayanan	persepsi pelanggan	strategi bisnis
x1.1			0,923	
x1.2			0,603	
x1.3			0,928	
x2.1		0,944		
x2.2		0,800		
x2.3		0,951		
x2.4		0,906		
x2.5		0,941		
y1.1	0,967			
y1.2	0,963			
y1.3	0,954			
y1.4	0,924			
y1.5	0,919			
z1				0,895
z2				0,967
z3				0,967
z4				0,934

List

	Outer loadings
x1.1 <- persepsi pelanggan	0,923
x1.2 <- persepsi pelanggan	0,603
x1.3 <- persepsi pelanggan	0,928
x2.1 <- kualitas pelayanan	0,944
x2.2 <- kualitas pelayanan	0,800
x2.3 <- kualitas pelayanan	0,951
x2.4 <- kualitas pelayanan	0,906
x2.5 <- kualitas pelayanan	0,941
y1.1 <- kepuasan pelanggan	0,967
y1.2 <- kepuasan pelanggan	0,963
y1.3 <- kepuasan pelanggan	0,954
y1.4 <- kepuasan pelanggan	0,924
y1.5 <- kepuasan pelanggan	0,919
z1 <- strategi bisnis	0,895
z2 <- strategi bisnis	0,967
z3 <- strategi bisnis	0,967
z4 <- strategi bisnis	0,934

Outer weights

Matrix

	kepuasan pelanggan	kualitas pelayanan	persepsi pelanggan	strategi bisnis
x1.1			0,432	
x1.2			0,254	
x1.3			0,483	
x2.1		0,225		
x2.2		0,189		
x2.3		0,223		
x2.4		0,227		
x2.5		0,232		
y1.1	0,223			
y1.2	0,221			
y1.3	0,222			
y1.4	0,197			
y1.5	0,193			
z1				0,260
z2				0,276
z3				0,275
z4				0,251

List

	Outer weights
x1.1 <- persepsi pelanggan	0,432
x1.2 <- persepsi pelanggan	0,254
x1.3 <- persepsi pelanggan	0,483
x2.1 <- kualitas pelayanan	0,225
x2.2 <- kualitas pelayanan	0,189
x2.3 <- kualitas pelayanan	0,223
x2.4 <- kualitas pelayanan	0,227
x2.5 <- kualitas pelayanan	0,232
y1.1 <- kepuasan pelanggan	0,223
y1.2 <- kepuasan pelanggan	0,221
y1.3 <- kepuasan pelanggan	0,222
y1.4 <- kepuasan pelanggan	0,197
y1.5 <- kepuasan pelanggan	0,193
z1 <- strategi bisnis	0,260
z2 <- strategi bisnis	0,276
z3 <- strategi bisnis	0,275
z4 <- strategi bisnis	0,251

Latent variables

Scores

	kepuasan pelanggan	kualitas pelayanan	persepsi pelanggan	strategi bisnis
0	0,205	0,340	-0,191	0,106
1	0,938	0,703	0,648	-0,374
2	-0,179	-0,381	-1,085	-0,800
3	-0,180	0,340	0,282	-0,374
4	-0,564	-0,017	-0,612	-0,374
5	0,164	-0,017	-1,085	0,159
6	0,938	0,703	1,121	0,997
7	-0,517	-0,784	-0,191	0,571
8	-0,221	-0,784	-0,612	-0,388
9	0,938	0,703	1,121	0,585
10	-0,901	-0,784	-0,612	-0,800
11	0,938	1,064	0,648	0,997
12	0,938	1,064	1,121	0,997
13	0,938	1,064	0,648	0,997
14	-0,221	-0,784	-1,085	-0,800
15	0,938	1,064	1,121	0,997
16	-0,901	-0,061	0,648	0,038
17	-0,221	-1,501	1,121	0,038
18	-0,221	-0,784	-1,085	-0,800
19	0,938	1,064	0,648	0,997
20	0,938	1,064	1,121	0,997
21	0,938	1,064	1,121	0,997
22	-0,901	-0,784	-1,085	-0,800
23	0,938	1,064	1,121	0,997
24	0,938	1,064	1,121	0,997
25	0,938	1,064	1,121	0,997
26	0,938	1,064	1,121	0,997
27	-0,901	-0,064	-1,085	-0,374
28	0,938	1,064	1,121	0,997
29	0,938	1,064	1,121	0,997
30	0,938	1,064	1,121	0,997
31	-0,221	-0,064	-0,612	-0,374
32	0,938	1,064	0,648	0,997
33	-0,901	-0,784	-0,612	-0,800
34	-0,221	-0,784	-0,612	-0,800
35	0,938	1,064	1,121	0,997
36	-0,221	-0,784	-1,085	-0,388
37	0,938	1,064	1,121	0,997
38	0,938	1,064	1,121	0,997
39	0,938	1,064	1,121	0,997
40	-0,901	-0,784	-1,085	-0,800
41	0,938	1,064	1,121	0,997
42	-0,901	-0,784	-1,085	-0,800
43	-0,901	0,784	-1,085	-0,388
44	-0,221	-0,784	-1,085	-0,800
45	0,938	1,064	1,121	0,997
46	0,938	1,064	1,121	0,997
47	-0,901	-0,784	-0,612	-0,800

48	-0,221	-0,784	-1,085	-0,800
49	0,938	1,064	1,121	0,997
50	0,938	1,064	1,121	0,997
51	-0,221	-0,784	-1,085	-0,800
52	0,938	1,064	1,121	0,997
53	-0,901	-0,784	-1,085	-0,800
54	-0,901	-0,784	-1,085	-0,800
55	0,938	1,064	1,121	0,997
56	0,938	1,064	1,121	0,997
57	0,938	1,064	1,121	0,997
58	0,938	1,064	1,121	0,997
59	0,938	1,064	1,121	0,997
60	-0,901	-0,784	-1,085	-0,800
61	-0,901	-0,784	-0,612	-0,800
62	-0,901	-0,784	-0,612	-0,800
63	-0,901	-0,784	-1,085	-0,800
64	-0,901	-0,784	-1,085	-0,800
65	0,938	1,064	1,121	0,997
66	-0,901	-1,501	0,648	-1,637
67	0,938	1,064	0,648	0,997
68	-2,741	-2,268	-1,085	-2,596
69	-0,901	-0,784	-0,612	-0,800
70	-0,901	-0,784	-1,558	-0,800
71	0,938	1,064	1,121	0,997
72	0,938	1,064	0,648	0,997
73	-2,741	-2,631	-2,818	-2,596
74	-0,901	-0,784	-0,612	-0,800
75	0,938	0,344	1,121	0,571
76	0,938	1,064	1,121	0,997
77	-0,901	-0,784	-1,085	-0,800
78	-0,901	-0,784	-0,612	-0,800
79	-0,901	-0,784	-0,612	-0,800
80	-0,901	-0,784	-0,612	-0,800
81	-0,901	-0,784	-1,085	-0,800
82	-0,901	-0,784	-1,085	-0,800
83	0,938	0,700	0,282	0,997
84	-0,901	-1,865	-0,191	-1,637
85	0,938	0,700	-0,191	0,997
86	-2,741	-2,268	-1,085	-2,596
87	-0,901	-0,784	-0,612	-0,800
88	-0,901	-0,784	-1,558	-0,800
89	0,938	0,700	0,282	0,997
90	0,938	0,700	-0,191	0,997
91	-2,741	-2,268	-1,980	-2,596
92	-0,901	-0,784	-0,612	-0,800
93	0,938	-0,020	0,282	0,571
94	-0,901	-0,784	-0,612	-0,800
95	0,938	-0,020	0,282	0,571

Correlations

	kepuasan pelanggan	kualitas pelayanan	persepsi pelanggan	strategi bisnis
kepuasan pelanggan	1,000	0,938	0,847	0,953
kualitas pelayanan	0,938	1,000	0,848	0,955
persepsi pelanggan	0,847	0,848	1,000	0,854
strategi bisnis	0,953	0,955	0,854	1,000

Covariances

	kepuasan pelanggan	kualitas pelayanan	persepsi pelanggan	strategi bisnis
kepuasan pelanggan	1,000	0,938	0,847	0,953
kualitas pelayanan	0,938	1,000	0,848	0,955
persepsi pelanggan	0,847	0,848	1,000	0,854
strategi bisnis	0,953	0,955	0,854	1,000

Descriptives

	Mean	Median	Observed min	Observed max	Standard deviation	Excess kurtosis	Skewness	Number of observations used	Cramer-von Mises test statistic	Cramer-von Mises p value
kapuasan pelanggan	0.000	-0.179	-2.741	0.858	1.000	-0.011	-0.724	96.000	1.514	0.000
kebiasaan pelanggan	0.000	-0.020	-2.631	1.054	1.000	-0.795	-0.415	96.000	1.146	0.000
persepsi pelanggan	0.000	-0.181	-2.818	1.121	1.000	-1.140	-0.233	96.000	0.928	0.000
strategi bisnis	0.000	0.038	-2.596	0.997	1.000	-0.355	-0.587	96.000	1.226	0.000

Residuals

Outer model scores

Case Index	x1.1	x1.2	x1.3	x1.4	x2.1	x2.2	x2.3	x2.4	x2.5	x2.6	x2.7	x2.8	x2.9	x2.10	x2.11	x2.12	x2.13	x2.14	x2.15	x2.16	x2.17	x2.18	x2.19	x2.20	x2.21	x2.22	x2.23	x2.24
0	0.633	0.932	1.005	0.959	0.583	0.751	0.612	0.871	0.583	0.944	0.752	0.726	1.230	0.541	0.938	0.858	0.872											
1	0.714	1.438	0.286	0.338	0.503	0.601	0.267	1.209	0.241	0.594	0.507	0.027	0.071	0.122	0.239	0.438	0.401	0.385										
2	0.12	0.373	0.042	0.718	0.488	0.396	0.218	0.166	0.761	0.372	0.906	1.093	0.775	0.884	0.838	0.006	0.011	0.023										
3	1.089	0.663	0.626	0.859	0.753	0.612	0.871	0.583	0.944	0.752	1.133	0.642	0.727	0.984	0.229	0.438	0.401	0.385										
4	0.264	1.202	0.397	0.302	0.725	0.652	0.652	0.547	0.929	0.943	0.264	1.202	0.397	0.302	0.725	0.652	0.652	0.547										
5	0.12	0.373	0.042	0.718	0.488	0.396	0.218	0.166	0.761	0.372	0.906	1.093	0.775	0.884	0.838	0.006	0.011	0.023										
6	0.078	0.138	0.352	0.330	0.603	0.267	1.209	0.241	0.594	0.507	0.027	0.071	0.122	0.239	0.438	0.401	0.385											
7	0.653	0.932	1.005	0.959	0.583	0.751	0.612	0.871	0.583	0.944	0.752	0.726	1.230	0.541	0.938	0.858	0.872											
8	0.264	1.202	0.397	0.302	0.725	0.652	0.652	0.547	0.929	0.943	0.264	1.202	0.397	0.302	0.725	0.652	0.652	0.547										
9	0.078	0.138	0.352	0.330	0.603	0.267	1.209	0.241	0.594	0.507	0.027	0.071	0.122	0.239	0.438	0.401	0.385											
10	0.264	1.202	0.397	0.302	0.725	0.652	0.652	0.547	0.929	0.943	0.264	1.202	0.397	0.302	0.725	0.652	0.652	0.547										
11	0.134	0.438	0.286	0.401	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
12	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
13	0.134	0.438	0.286	0.401	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
14	0.171	0.571	0.042	0.102	0.172	0.117	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026										
15	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
16	0.134	0.438	0.286	1.043	1.072	0.894	0.498	0.136	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
17	0.078	0.138	0.352	0.330	2.224	0.664	0.793	0.583	0.583	0.586	0.602	0.167	0.193	0.018	0.006	0.011	0.013											
18	0.72	0.673	0.042	0.102	0.275	0.077	0.147	0.093	0.126	0.586	0.602	1.006	0.932	0.018	0.006	0.011	0.013											
19	0.134	0.438	0.286	0.401	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
20	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
21	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
22	0.172	0.573	0.042	0.102	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											
23	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
24	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
25	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
26	0.172	0.573	0.042	0.102	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											
27	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
28	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
29	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
30	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
31	0.264	1.202	0.397	1.043	0.851	0.996	0.596	0.583	0.583	0.586	0.602	1.006	0.932	0.018	0.006	0.011	0.013											
32	0.134	0.438	0.286	0.401	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
33	0.264	1.202	0.397	0.402	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											
34	0.264	1.202	0.397	0.402	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											
35	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
36	0.172	0.573	0.042	0.102	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											
37	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
38	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
39	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
40	0.172	0.573	0.042	0.102	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											
41	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
42	0.172	0.573	0.042	0.102	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											
43	0.172	0.573	0.042	0.102	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											
44	0.172	0.573	0.042	0.102	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											
45	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
46	0.078	0.138	0.352	0.330	0.172	0.078	0.063	0.009	0.054	0.057	0.027	0.021	0.132	0.013	0.004	0.018	0.026											
47	0.264	1.202	0.397	0.102	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											
48	0.172	0.573	0.042	0.102	0.275	0.077	0.147	0.093	0.126	0.086	0.047	0.167	0.193	0.018	0.006	0.011	0.013											

	Mean	Median	Observed min	Observed max	Standard deviation	Excess kurtosis	Skewness	Number of observations used	Cramér-von Mises test statistic	Cramér-von Mises p value
x1.1	0,000	0,078	-1,089	0,998	0,386	1,844	-0,992	95,000	1,155	0,000
x1.2	0,000	0,158	-1,948	1,202	0,798	-0,230	-0,291	95,000	0,563	0,000
x1.3	0,000	-0,152	-0,981	1,065	0,372	1,885	1,140	95,000	0,902	0,000
x2.1	0,000	-0,031	-0,962	1,034	0,329	4,083	-0,397	95,000	1,942	0,000
x2.2	0,000	0,172	1,462	2,224	0,690	3,425	0,645	95,000	0,958	0,000
x2.3	0,000	0,077	-0,995	0,996	0,399	4,157	0,043	95,000	1,634	0,000
x2.4	0,000	0,062	2,058	1,045	0,423	7,411	2,014	95,000	2,890	0,000
x2.5	0,000	0,092	0,773	1,261	0,337	3,589	1,465	95,000	3,535	0,000
y1.1	0,000	0,094	0,944	0,138	0,256	3,306	2,130	95,000	4,414	0,000
y1.2	0,000	0,057	0,937	1,133	0,288	5,252	0,525	95,000	3,881	0,000
y1.3	0,000	0,027	0,642	1,415	0,298	7,368	0,999	95,000	4,147	0,000
y1.4	0,000	0,071	1,130	1,000	0,381	3,462	1,463	95,000	4,287	0,000
y1.5	0,000	0,132	0,546	1,247	0,395	2,150	1,938	95,000	4,286	0,000
z1	0,000	0,033	1,245	1,239	0,446	3,851	0,163	95,000	3,702	0,000
z2	0,000	0,004	0,815	0,858	0,254	4,955	0,570	95,000	4,103	0,000
z3	0,000	0,034	-0,865	0,826	0,255	5,016	0,069	95,000	3,994	0,000
z4	0,000	0,026	1,281	1,268	0,357	6,320	0,648	95,000	3,428	0,000

Inner model scores

	kepuasan pelanggan	strategi bisnis
0	0,104	-0,143
1	1,294	-1,053
2	0,583	-0,315
3	0,177	-0,697
4	-0,208	-0,263
5	0,012	0,346
6	-0,012	0,243
7	-1,061	1,244
8	0,149	0,352
9	0,380	-0,169
10	-0,140	-0,060
11	-0,012	0,021
12	-0,012	-0,053
13	-0,012	0,021
14	0,541	0,015
15	-0,012	-0,053
16	-0,937	-0,015
17	-0,257	1,092
18	0,541	0,015
19	-0,012	0,021
20	-0,012	-0,053
21	-0,012	-0,053
22	-0,140	0,015
23	-0,012	-0,053
24	-0,012	-0,053
25	-0,012	-0,053
26	-0,012	-0,053
27	-0,545	-0,150
28	-0,012	-0,053
29	-0,012	-0,053
30	-0,012	-0,053
31	0,135	-0,224
32	-0,012	0,021
33	-0,140	-0,060
34	0,541	-0,060
35	-0,012	-0,053
36	0,149	0,427
37	-0,012	-0,053
38	-0,012	-0,053
39	-0,012	-0,053
40	-0,140	0,015
41	-0,012	-0,053
42	-0,140	0,015
43	-0,532	0,427
44	0,541	0,015
45	-0,012	-0,053
46	-0,012	-0,053
47	-0,140	-0,060
48	0,541	0,015
49	-0,012	-0,053
50	-0,012	-0,053
51	0,541	0,015
52	-0,012	-0,053
53	-0,140	0,015
54	-0,140	0,015
55	-0,012	-0,053
56	-0,012	-0,053
57	-0,012	-0,053
58	-0,012	-0,053
59	-0,012	-0,053
60	-0,140	0,015
61	-0,140	-0,060
62	-0,140	-0,060

63	-0,140	0,015
64	-0,140	0,015
65	-0,012	-0,053
66	0,658	-0,508
67	-0,012	0,021
68	-0,267	-0,564
69	-0,140	-0,060
70	-0,140	0,090
71	-0,012	-0,053
72	-0,012	0,021
73	-0,267	0,009
74	-0,140	-0,060
75	0,394	0,111
76	-0,012	-0,053
77	-0,140	0,015
78	-0,140	-0,060
79	-0,140	-0,060
80	-0,140	-0,060
81	-0,140	0,015
82	-0,140	0,015
83	-0,012	0,378
84	0,658	-0,077
85	-0,012	0,453
86	-0,267	-0,564
87	-0,140	-0,060
88	-0,140	0,090
89	-0,012	0,378
90	-0,012	0,453
91	-0,267	-0,422
92	-0,140	-0,060
93	0,394	0,542
94	-0,140	-0,060
95	0,394	0,542

Inner model correlation

	kepuasan pelanggan	strategi bisnis
kepuasan pelanggan	1,000	-0,334
strategi bisnis	-0,334	1,000

Inner model descriptives

	Mean	Median	Observed min	Observed max	Standard deviation	Skewness kurtosis	Skewness	Number of observations used	Cramer-von Mises test statistic	Cramer-von Mises p-value
kepuasan pelanggan	0,000	0,012	-1,000	1,244	0,363	-4,870	0,219	95,000	8,317	0,000
strategi bisnis	0,000	-0,053	-1,053	0,947	0,285	-5,831	0,280	95,000	2,172	0,000

Quality criteria

R-squares

Overindex

	R-square	R-square adjusted
kepuasan pelanggan	0,508	0,507
strategi bisnis	0,515	0,517

F-square

Matrix

	kepuasan pelanggan	kepuasan pelayanan	persepsi pelanggan	strategi bisnis
kepuasan pelanggan				
kepuasan pelayanan				2,327
persepsi pelanggan				0,080
strategi bisnis	9,551			

List

	F-square
kepuasan pelayanan <-> strategi bisnis	2,320
persepsi pelanggan <-> strategi bisnis	0,085
strategi bisnis <-> kepuasan pelanggan	9,551

Construct reliability and validity

Overview

	Cronbach's alpha	Composite reliability rho_c1	Composite reliability rho_c1	Average variance extracted (AVE)
kepuasan pelanggan	0,970	0,974	0,977	0,894
kepuasan pelayanan	0,947	0,951	0,949	0,729
persepsi pelanggan	0,959	0,953	0,957	0,897
strategi bisnis	0,957	0,955	0,959	0,886

Discriminant validity

Heterotrait-monotrait ratio (HTMT) - Matrix

	kepuasan pelanggan	kepuasan pelayanan	persepsi pelanggan	strategi bisnis
kepuasan pelanggan				
kepuasan pelayanan	0,774			
persepsi pelanggan	0,348	0,971		
strategi bisnis	0,585	1,001	0,969	

Heterotrait-monotrait ratio (HTMT) - List

	Heterotrait-monotrait ratio (HTMT)
kepuasan pelayanan <-> kepuasan pelanggan	0,774
persepsi pelanggan <-> kepuasan pelanggan	0,348
persepsi pelanggan <-> kepuasan pelayanan	0,375
strategi bisnis <-> kepuasan pelanggan	0,585
strategi bisnis <-> kepuasan pelayanan	1,001
strategi bisnis <-> persepsi pelanggan	0,969

Correlation matrix

	kepuasan pelanggan	kepuasan pelayanan	persepsi pelanggan	strategi bisnis
kepuasan pelanggan	0,935			
kepuasan pelayanan	0,738	0,918		
persepsi pelanggan	0,347	0,848	0,932	
strategi bisnis	0,573	0,951	0,954	0,941

Cross loadings

	kepuasan pelanggan	kepuasan pelayanan	persepsi pelanggan	strategi bisnis
x1_1	0,794	0,797	0,173	0,767
x1_2	0,430	0,719	0,503	0,418
x1_3	0,834	0,817	0,328	0,851
x2_1	0,843	0,844	0,385	0,890
x2_2	0,740	0,800	0,883	0,706
x2_3	0,841	0,951	0,739	0,881
x2_4	0,888	0,905	0,722	0,897
x2_5	0,250	0,941	0,820	0,919
y1_1	0,567	0,663	0,875	0,921
y1_2	0,503	0,957	0,878	0,940
y1_3	0,374	0,922	0,823	0,943
y1_4	0,974	0,796	0,770	0,840
y1_5	0,519	0,808	0,697	0,820
y2_1	0,843	0,920	0,777	0,885
y2_2	0,245	0,919	0,833	0,967
y2_3	0,243	0,914	0,838	0,967
y2_4	0,557	0,839	0,763	0,924

Collinearity statistics (VIF)

Outer model - List

	VR
x1_1	2,897
x1_2	1,173
x1_3	2,153
x2_1	23,697
x2_2	2,716
x2_3	23,475
x2_4	5,881
x2_5	7,678
y1_1	44,092
y1_2	32,746
y1_3	11,085
y1_4	20,650
y1_5	18,621
y2_1	3,171
y2_2	34,991
y2_3	36,671
y2_4	4,972

Inner model - Matrix

	kepuasan pelanggan	kepuasan pelayanan	persepsi pelanggan	strategi bisnis
kepuasan pelanggan				
kepuasan pelayanan				3,561
persepsi pelanggan				3,581
strategi bisnis	1,000			

Inner model - List

	VR
kepuasan pelayanan <-> strategi bisnis	3,283
persepsi pelanggan <-> strategi bisnis	3,681
strategi bisnis <-> kepuasan pelanggan	1,000

Model fit

Fit summary

	Saturated mode	Estimated mode
ssmre	0.080	0.080
σ_{JIS}	0.715	0.715
σ_{S}	204.207	204.689
Chi square	inf	inf
fit	no	yes

Model reaction criteria

Matrix

	MLE (Bayesian information criterion)
expansion parameter	-228.851
df (df) D-SS	228.851

Algorithm

Setting

Data file

	Setting
Data file	Wap 1011
Weighting vector	-

PLS-SIM algorithm

	Setting
Initial weights	1.0
Max. number of iterations	3000
Stop criterion	10 ⁻⁶
Type of results	Standard and
Use cross-validation?	No
Weighting scheme	Path

Control over weighting mode

	Setting
expansion parameter	AUTOMATIC
kernel parameter	AUTOMATIC
parameter weights	AUTOMATIC
df (df) D-SS	AUTOMATIC

BNV descriptives

	Mean	Median	Observed min	Observed max	Standard deviation	Excess kurtosis	Skewness	Number of observations used	Cramér-von Mises test statistic	Cramér-von Mises p-value
x1.1	4.427	4.000	3.000	5.000	0.515	-1.472	0.067	96,000	2.688	0.000
x1.2	4.552	5.000	3.000	5.000	0.538	-0.805	-0.630	96,000	2.631	0.000
x1.3	4.521	5.000	3.000	5.000	0.540	0.957	0.488	96,000	2.524	0.000
x2.1	4.895	5.000	3.000	5.000	0.620	-0.604	-0.535	96,000	1.885	0.000
x2.2	4.469	4.000	3.000	5.000	0.519	1.486	0.100	96,000	2.638	0.000
x2.3	4.617	5.000	3.000	5.000	0.624	-0.563	-0.594	96,000	1.613	0.000
x2.4	4.354	4.000	3.000	5.000	0.629	0.644	0.451	96,000	3.807	0.000
x2.5	4.679	5.000	3.000	5.000	0.577	-0.616	-0.579	96,000	2.237	0.000
y1.1	4.427	4.000	3.000	5.000	0.573	-0.750	0.384	96,000	2.184	0.000
y1.2	4.448	4.000	3.000	5.000	0.575	-0.711	0.461	96,000	2.190	0.000
y1.3	4.469	5.000	3.000	5.000	0.577	-0.652	-0.539	96,000	2.216	0.000
y1.4	4.542	5.000	3.000	5.000	0.579	0.284	0.831	96,000	2.470	0.000
y1.5	4.585	5.000	3.000	5.000	0.571	0.060	1.015	96,000	2.727	0.000
x1	4.448	5.000	3.000	5.000	0.640	0.517	0.636	96,000	2.031	0.000
x2	4.618	5.000	3.000	5.000	0.575	-0.711	0.461	96,000	2.190	0.000
y1	4.438	4.000	3.000	5.000	0.574	0.732	0.422	96,000	2.184	0.000
x4	4.448	5.000	3.000	5.000	0.640	-0.517	-0.636	96,000	2.031	0.000

Indicator data (standardized)

Matrix

Case index	x1.1	x1.2	x1.3	x2.1	x2.2	x2.3	x2.4	x2.5	y1.1	y1.2	y1.3	y1.4	y1.5	x1	x2	x3	x4
0	0.829	1.027	0.888	0.638	1.023	0.935	0.563	0.903	0.746	0.960	0.922	0.841	0.729	0.905	0.960	0.762	0.734
1	1.112	-1.027	0.888	0.638	1.023	0.935	-0.563	0.903	1.000	0.960	0.922	0.765	0.729	0.905	-0.779	-0.762	-0.734
2	0.829	1.027	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.922	0.841	0.729	0.734	0.779	0.762	0.734
3	-0.829	0.833	0.888	-0.638	1.023	0.935	-0.563	0.903	0.960	-0.813	-0.941	-0.729	-0.905	-0.779	-0.762	-0.734	-0.734
4	0.829	0.833	0.995	-0.638	1.023	0.668	0.563	0.903	-0.746	-0.779	0.813	0.841	0.729	0.905	-0.779	-0.762	-0.734
5	-0.829	-1.027	-0.995	-0.638	1.023	0.668	-0.563	0.903	-0.746	-0.779	0.922	0.765	0.729	-0.734	0.960	0.680	0.734
6	1.112	0.833	0.888	0.974	1.023	0.935	-0.563	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
7	0.829	1.027	0.888	0.638	-0.902	-0.668	0.563	-0.830	-0.746	-0.779	0.922	0.841	-1.021	-0.734	0.960	0.680	0.605
8	-0.829	0.833	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	0.765	0.729	-0.734	-0.779	-0.762	0.605
9	1.112	0.933	0.888	0.974	1.023	0.935	0.563	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.734
10	-0.829	0.833	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	-1.041	-1.021	-0.734	-0.779	-0.762	-0.734
11	1.112	1.027	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
12	1.112	0.833	0.888	0.974	1.023	0.935	-1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
13	1.112	1.027	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
14	-0.829	-1.027	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	0.765	0.729	-0.734	-0.779	-0.762	-0.734
15	1.112	0.933	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
16	1.112	-1.027	0.888	0.974	1.023	0.935	-1.041	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
17	1.112	0.833	0.888	-2.250	1.023	-2.272	-2.154	-0.830	-0.746	-0.779	-0.813	0.765	0.729	0.905	-0.779	-0.762	0.605
18	0.829	1.027	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.813	0.765	0.729	0.734	0.779	0.762	0.734
19	1.112	-1.027	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
20	1.112	0.933	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
21	1.112	0.833	0.888	0.974	1.023	0.935	-1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
22	0.829	1.027	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.813	0.841	1.021	0.734	0.779	0.762	0.734
23	1.112	0.833	0.888	0.974	1.023	0.935	-1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
24	1.112	0.933	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
25	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
26	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
27	-0.829	-1.027	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	-1.041	-1.021	-0.734	-0.779	-0.762	-0.734
28	1.112	0.933	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
29	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
30	1.112	0.833	0.888	0.974	1.023	0.935	-1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
31	0.829	0.833	0.995	0.638	0.902	0.935	0.563	0.903	0.746	0.779	0.813	0.765	0.729	0.905	0.779	0.762	0.734
32	1.112	-1.027	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
33	0.829	0.833	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.813	0.841	1.021	0.734	0.779	0.762	0.734
34	-0.829	0.833	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	0.765	0.729	-0.734	-0.779	-0.762	-0.734
35	1.112	0.933	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
36	-0.829	-1.027	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	0.765	0.729	-0.734	-0.779	-0.762	0.605
37	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
38	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
39	1.112	0.833	0.888	0.974	1.023	0.935	-1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
40	0.829	1.027	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.813	0.841	1.021	0.734	0.779	0.762	0.734
41	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
42	0.829	1.027	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.813	0.765	0.729	0.734	0.779	0.762	0.734
43	-0.829	-1.027	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	-1.021	-1.001	-0.734	-0.779	-0.762	0.605
44	0.829	1.027	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.813	0.765	0.729	0.734	0.779	0.762	0.734
45	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
46	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
47	-0.829	0.833	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	-1.041	-1.021	-0.734	-0.779	-0.762	-0.734
48	-0.829	-1.027	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	0.765	0.729	-0.734	-0.779	-0.762	-0.734
49	1.112	0.933	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
50	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
51	0.829	1.027	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.813	0.765	0.729	0.734	0.779	0.762	0.734
52	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
53	0.829	1.027	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.813	0.841	1.021	0.734	0.779	0.762	0.734
54	-0.829	-1.027	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	-1.041	-1.021	-0.734	-0.779	-0.762	-0.734
55	1.112	0.933	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
56	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
57	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
58	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
59	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
60	0.829	1.027	-0.995	-0.638	-0.902	0.668	0.563	-0.830	-0.746	-0.779	-0.813	-1.041	-1.021	-0.734	-0.779	-0.762	-0.734
61	-0.829	0.833	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	-1.041	-1.021	-0.734	-0.779	-0.762	-0.734
62	0.829	0.833	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.813	0.841	1.021	0.734	0.779	0.762	0.734
63	-0.829	-1.027	-0.995	-0.638	-0.902	-0.668	-0.563	-0.830	-0.746	-0.779	-0.813	-1.041	-1.021	-0.734	-0.779	-0.762	-0.734
64	0.829	1.027	0.995	0.638	0.902	0.668	0.563	0.903	0.746	0.779	0.813	0.841	1.021	0.734	0.779	0.762	0.734
65	1.112	0.833	0.888	0.974	1.023	0.935	1.027	0.903	1.000	0.960	0.922	0.765	0.729	0.905	0.960	0.680	0.605
66	1.112	1.027	0.888	2.250	1.023	2.272	2.154	0.830	0.746	0.779	0.813	0.841	1.021	2.373	0.779	0.762	2.373
67	1.112	-1.027	0.888	0.974	1.023	0.935	-1.027	0.903	1.000	0.960	0.922	0.765					

	x1.1	x1.2	x1.3	x2.1	x2.2	x2.3	x2.4	x2.5	y1.1	y1.2	y1.3	y1.4	y1.5	r1	r2	r3	r4
x1.1	1.000	0.390	0.811	0.709	0.925	0.678	0.626	0.713	0.794	0.761	0.728	0.660	0.604	0.717	0.725	0.742	0.684
x1.2	0.390	1.000	0.579	0.375	0.379	0.570	0.449	0.452	0.467	0.378	0.580	0.576	0.521	0.513	0.433	0.421	0.471
x1.3	0.811	0.579	1.000	0.691	0.891	0.891	0.717	0.684	0.839	0.856	0.702	0.704	0.747	0.860	0.845	0.747	0.845
x2.1	0.709	0.375	0.691	1.000	0.652	0.974	0.842	0.809	0.873	0.866	0.821	0.741	0.700	0.907	0.817	0.830	0.707
x2.2	0.925	0.379	0.891	0.652	1.000	0.683	0.576	0.780	0.728	0.762	0.727	0.614	0.558	0.751	0.727	0.710	0.619
x2.3	0.678	0.570	0.717	0.974	0.683	1.000	0.819	0.835	0.843	0.874	0.816	0.706	0.721	0.943	0.816	0.800	0.769
x2.4	0.626	0.449	0.684	0.842	0.576	0.819	1.000	0.853	0.911	0.887	0.864	0.765	0.730	0.754	0.887	0.898	0.835
x2.5	0.713	0.452	0.835	0.809	0.780	0.835	0.853	1.000	0.925	0.954	0.953	0.785	0.859	0.840	0.923	0.908	0.781
y1.1	0.794	0.467	0.893	0.873	0.728	0.843	0.911	0.925	1.000	0.908	0.940	0.846	0.799	0.824	0.937	0.951	0.854
y1.2	0.761	0.378	0.856	0.866	0.762	0.874	0.887	0.954	0.908	1.000	0.938	0.869	0.832	0.853	0.937	0.921	0.824
y1.3	0.660	0.576	0.855	0.821	0.751	0.816	0.846	0.859	0.940	0.938	1.000	0.846	0.817	0.799	0.904	0.954	0.825
y1.4	0.604	0.521	0.747	0.707	0.614	0.706	0.765	0.786	0.824	0.853	0.846	1.000	0.939	0.733	0.809	0.827	0.792
y1.5	0.604	0.376	0.704	0.780	0.658	0.721	0.730	0.859	0.795	0.822	0.814	0.939	1.000	0.776	0.790	0.778	0.745
r1	0.717	0.421	0.747	0.907	0.751	0.933	0.754	0.840	0.824	0.853	0.795	0.733	0.774	1.000	0.794	0.779	0.804
r2	0.725	0.413	0.863	0.817	0.727	0.816	0.887	0.925	0.937	0.937	0.965	0.869	0.790	0.794	1.000	0.984	0.853
r3	0.742	0.433	0.845	0.830	0.710	0.800	0.898	0.908	0.923	0.921	0.954	0.827	0.778	0.779	0.984	1.000	0.868
r4	0.684	0.421	0.747	0.797	0.619	0.769	0.835	0.781	0.854	0.824	0.825	0.752	0.745	0.804	0.853	0.868	1.000

Model-implied saturated correlation matrix

	x1.1	x1.2	x1.3	x2.1	x2.2	x2.3	x2.4	x2.5	y1.1	y1.2	y1.3	y1.4	y1.5	r1	r2	r3	r4
x1.1	1.000	0.556	0.855	0.739	0.626	0.744	0.709	0.737	0.756	0.753	0.746	0.723	0.718	0.705	0.762	0.762	0.736
x1.2	0.556	1.000	0.559	0.481	0.409	0.596	0.463	0.481	0.498	0.492	0.488	0.472	0.469	0.451	0.498	0.498	0.481
x1.3	0.855	0.559	1.000	0.743	0.820	0.748	0.723	0.743	0.756	0.758	0.751	0.727	0.723	0.729	0.767	0.767	0.741
x2.1	0.739	0.481	0.743	1.000	0.755	0.958	0.856	0.889	0.873	0.854	0.846	0.819	0.811	0.807	0.872	0.872	0.842
x2.2	0.626	0.409	0.820	0.755	1.000	0.761	0.725	0.753	0.726	0.723	0.717	0.694	0.690	0.684	0.739	0.739	0.714
x2.3	0.744	0.463	0.743	0.856	0.761	1.000	0.862	0.895	0.863	0.860	0.852	0.825	0.820	0.813	0.878	0.878	0.848
x2.4	0.709	0.463	0.713	0.856	0.725	0.862	1.000	0.853	0.822	0.819	0.812	0.785	0.781	0.774	0.837	0.837	0.808
x2.5	0.737	0.481	0.741	0.889	0.753	0.895	0.853	1.000	0.854	0.851	0.843	0.817	0.812	0.804	0.869	0.869	0.840
y1.1	0.756	0.498	0.755	0.873	0.726	0.863	0.822	0.826	1.000	0.931	0.921	0.894	0.888	0.824	0.891	0.891	0.861
y1.2	0.753	0.492	0.758	0.866	0.723	0.860	0.819	0.851	0.931	1.000	0.920	0.891	0.885	0.822	0.888	0.888	0.858
y1.3	0.743	0.469	0.751	0.889	0.725	0.857	0.817	0.850	0.873	0.920	1.000	0.892	0.877	0.814	0.880	0.880	0.850
y1.4	0.723	0.472	0.727	0.815	0.694	0.825	0.785	0.817	0.894	0.891	0.882	1.000	0.849	0.788	0.852	0.852	0.823
y1.5	0.718	0.469	0.713	0.814	0.690	0.820	0.781	0.817	0.868	0.885	0.877	0.849	1.000	0.784	0.817	0.817	0.818
r1	0.705	0.461	0.709	0.807	0.684	0.813	0.774	0.804	0.824	0.822	0.814	0.788	0.784	1.000	0.866	0.866	0.836
r2	0.762	0.498	0.767	0.872	0.730	0.878	0.837	0.869	0.891	0.888	0.880	0.852	0.847	0.856	1.000	0.935	0.904
r3	0.762	0.498	0.767	0.872	0.739	0.878	0.837	0.869	0.892	0.888	0.880	0.852	0.847	0.856	0.935	1.000	0.903
r4	0.736	0.481	0.741	0.842	0.714	0.848	0.808	0.840	0.861	0.858	0.850	0.823	0.818	0.836	0.904	0.903	1.000

Model-implied estimated correlation matrix

	x1.1	x1.2	x1.3	x2.1	x2.2	x2.3	x2.4	x2.5	y1.1	y1.2	y1.3	y1.4	y1.5	r1	r2	r3	r4
x1.1	1.000	0.556	0.855	0.739	0.626	0.744	0.709	0.737	0.726	0.723	0.717	0.694	0.690	0.705	0.762	0.762	0.736
x1.2	0.556	1.000	0.559	0.481	0.409	0.596	0.463	0.481	0.474	0.473	0.468	0.451	0.451	0.498	0.498	0.481	0.471
x1.3	0.855	0.559	1.000	0.743	0.820	0.748	0.723	0.743	0.736	0.728	0.721	0.698	0.694	0.729	0.767	0.767	0.741
x2.1	0.739	0.481	0.743	1.000	0.755	0.958	0.856	0.889	0.873	0.854	0.846	0.819	0.811	0.807	0.872	0.872	0.842
x2.2	0.626	0.409	0.820	0.755	1.000	0.761	0.725	0.753	0.726	0.723	0.717	0.694	0.690	0.684	0.739	0.739	0.714
x2.3	0.744	0.463	0.743	0.856	0.761	1.000	0.862	0.895	0.863	0.860	0.852	0.825	0.820	0.813	0.878	0.878	0.848
x2.4	0.709	0.463	0.713	0.856	0.725	0.862	1.000	0.853	0.822	0.819	0.812	0.785	0.781	0.774	0.837	0.837	0.808
x2.5	0.737	0.481	0.741	0.889	0.753	0.895	0.853	1.000	0.828	0.825	0.817	0.792	0.787	0.804	0.869	0.869	0.840
y1.1	0.726	0.474	0.730	0.873	0.726	0.863	0.822	0.826	1.000	0.931	0.921	0.894	0.888	0.824	0.891	0.891	0.861
y1.2	0.723	0.473	0.728	0.866	0.723	0.791	0.833	0.794	0.825	0.931	1.000	0.920	0.891	0.885	0.822	0.888	0.858
y1.3	0.717	0.469	0.721	0.889	0.725	0.856	0.817	0.850	0.873	0.920	1.000	0.892	0.877	0.814	0.880	0.880	0.850
y1.4	0.694	0.454	0.698	0.794	0.673	0.800	0.762	0.792	0.894	0.891	0.882	1.000	0.849	0.788	0.852	0.852	0.823
y1.5	0.690	0.451	0.694	0.785	0.669	0.795	0.757	0.787	0.868	0.885	0.877	0.849	1.000	0.784	0.817	0.817	0.818
r1	0.705	0.461	0.709	0.807	0.684	0.813	0.774	0.804	0.824	0.822	0.814	0.788	0.784	1.000	0.866	0.866	0.836
r2	0.762	0.498	0.767	0.872	0.730	0.878	0.837	0.869	0.891	0.888	0.880	0.852	0.847	0.856	1.000	0.935	0.904
r3	0.762	0.498	0.767	0.872	0.739	0.878	0.837	0.869	0.892	0.888	0.880	0.852	0.847	0.856	0.935	1.000	0.903
r4	0.736	0.481	0.741	0.842	0.714	0.848	0.808	0.840	0.861	0.858	0.850	0.823	0.818	0.836	0.904	0.903	1.000

Empirical covariance matrix

	x1.1	x1.2	x1.3	x2.1	x2.2	x2.3	x2.4	x2.5	y1.1	y1.2	y1.3	y1.4	y1.5	r1	r2	r3	r4
x1.1	1.000	0.390	0.811	0.709	0.925	0.678	0.626	0.713	0.794	0.761	0.728	0.660	0.604	0.717	0.725	0.742	0.684
x1.2	0.390	1.000	0.579	0.375	0.379	0.570	0.449	0.452	0.467	0.378	0.580	0.576	0.521	0.513	0.433	0.421	0.471
x1.3	0.811	0.579	1.000	0.691	0.891	0.891	0.717	0.684	0.839	0.856	0.702	0.704	0.747	0.860	0.845	0.747	0.845
x2.1	0.709	0.375	0.691	1.000	0.652	0.974	0.842	0.809	0.873	0.866	0.821	0.741	0.700	0.907	0.817	0.830	0.707
x2.2	0.925	0.379	0.891	0.652	1.000	0.683	0.576	0.780	0.728	0.762	0.727	0.614	0.558	0.751	0.727	0.710	0.619
x2.3	0.678	0.570	0.717	0.974	0.683	1.000	0.819	0.835	0.843	0.874	0.816	0.706	0.721	0.943	0.816	0.800	0.769
x2.4	0.626	0.449	0.684	0.842	0.576	0.819	1.000	0.853	0.911	0.887	0.864	0.765	0.730	0.754	0.887	0.898	0.835
x2.5	0.713	0.452	0.835	0.809	0.780	0.835	0.853	1.000	0.925	0.954	0.953	0.785	0.859	0.840	0.923	0.908	0.781
y1.1	0.794	0.467	0.893	0.873	0.728	0.843	0.911	0.925	1.000	0.908	0.940	0.846	0.799	0.824	0.937	0.951	0.854
y1.2	0.761	0.378	0.856	0.866	0.762	0.874	0.887	0.954	0.908	1.000	0.938	0.869	0.832	0.853	0.937	0.921	0.824
y1.3	0.660	0.576	0.855	0.821	0.751	0.816	0.846	0.859	0.940	0.938	1.000	0.846	0.817	0.799	0.904	0.954	0.825
y1.4	0.604	0.521	0.747	0.707	0.614	0.706	0.765	0.786	0.824	0.853	0.846	1.000	0.939	0.733	0.809	0.827	

LAMPIRAN COMPLETE CHARTS

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